



San Diego
**HABITAT
CONSERVANCY**

December 1, 2010

Rosanne Humphrey
TAIC
9089 Clairemont Mesa Blvd., Suite 200
San Diego, CA 92123

Subject: Emerald Point Preserve, Annual Report

Dear Ms. Humphrey:

San Diego Habitat Conservancy (SDHC) is the long-term habitat manager of the 10.1-acre Emerald Point Preserve, pursuant to the Property Analysis Record (PAR) developed by SDHC, dated February 20, 2006. SDHC's responsibilities for long-term management dictated by the PAR are consistent with the intent of the City of Carlsbad's Habitat Management Plan, December 1999. SDHC commenced active management of the uplands in November 2008, following our initial site inspection in September 2008.

Attached to this letter is the Annual Report for 2009-2010, summarizing the results of the annual stewardship tasks performed pursuant to the PAR. The quarterly log reports for the last year and been included as Attachments 2 and 3, respectively, to this document for ease of reference. As you know, the Habitat Manager for the preserve is Mr. Jim Rocks. Mr. Rocks is available to answer any questions regarding biological issues. Please do not hesitate to call me if you have any questions regarding this report or SDHC's obligations as the land steward.

Sincerely,

Don Scoles
Executive Director

**Emerald Pointe Preserve
Annual Report
November 2009 - October 2010**

Prepared for:

City of Carlsbad

Prepared by:

San Diego Habitat Conservancy

November 2010

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Attachments

Attachment A. 2009-10 Emerald Pointe Preserve Plant and Animal Species List
Attachment B. 2009-10 Quarterly Log Reports

I. Introduction

This report summarizes the management activities performed or overseen by the San Diego Habitat Conservancy (SDHC) at the Emerald Pointe Preserve (Preserve) during the management year beginning November 2009 and ending October 2010. This annual report summarizes SDHC's approach to satisfying the preserve management goals and objectives set forth in the Property Analysis Record (PAR) developed by SDHC, dated February 20, 2006. The PAR includes a list of long-term management tasks that are consistent with the intent of the City of Carlsbad's Habitat Management Plan, December 1999. This document represents the second annual report for this preserve in its entirety. Quarterly reports were submitted to Ken Kraemer of RWR Homes in December 2009 and May, August, and October 2010. RWR Homes represents the Homeowner's Association ("HOA") for the adjacent single-family residential project, "Emerald Pointe Estates," located immediately east of the Preserve. The HOA is responsible for maintaining the fencing between the Preserve and their fuel modification zone, as well as maintenance of other common area open space outside the limits of the Preserve.

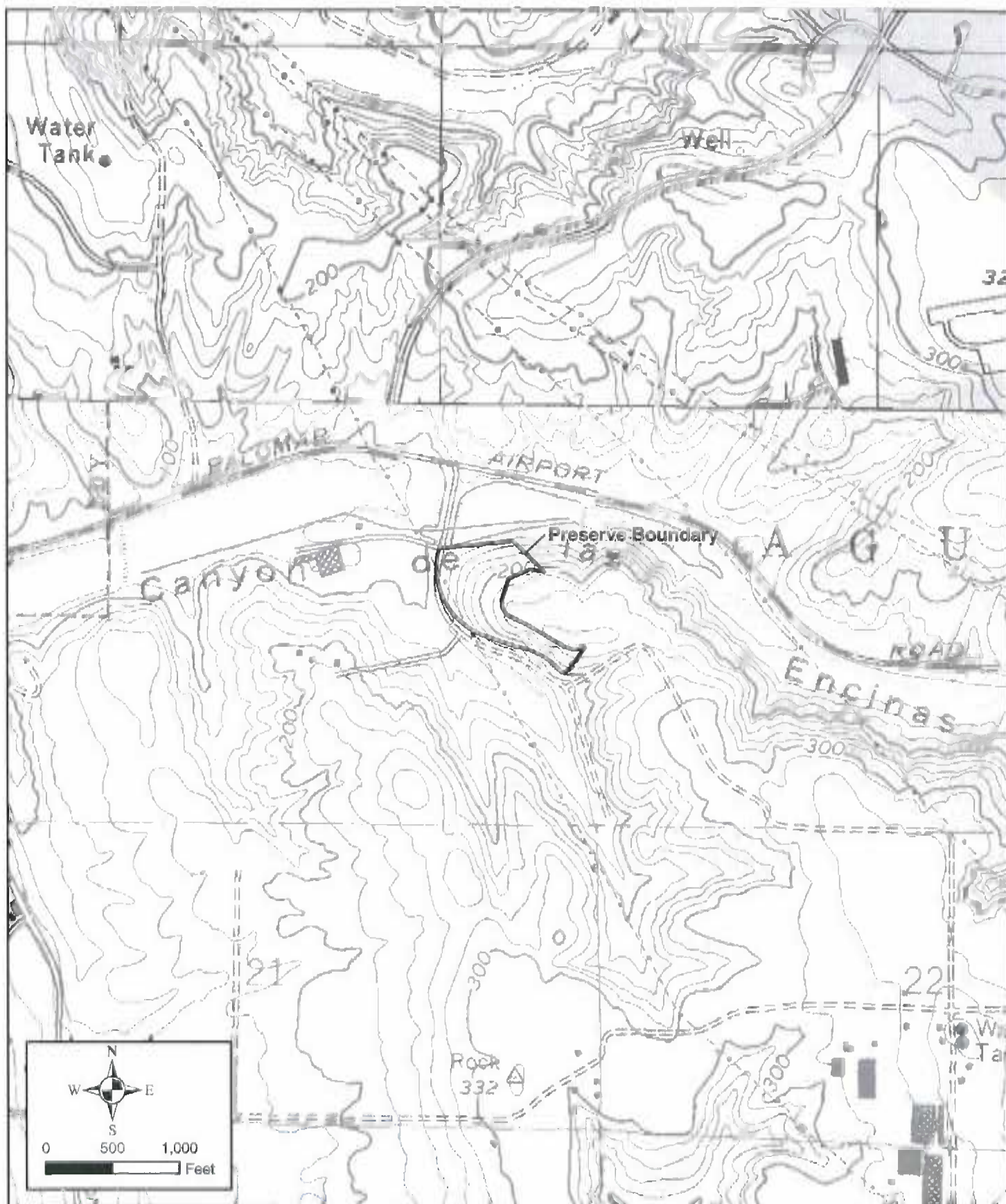
The Preserve is located in the City of Carlsbad in San Diego County, east of Aviara Parkway, north of Cobblestone Drive, and west of Sapphire Drive (Figure 1). The site is surrounded by high-density residential uses to the west, low-density residential uses to the south and east, and open space to the north. A 100-foot fuel modification zone buffers the Preserve from the residential development to the east. An SDG&E easement crosses the northwest corner of the preserve and includes a dirt access road. The property occupies portions of Township 12 S Range 4 West on the U.S. Geological Survey 7.5-minute Encinitas Quadrangle (Figure 2).

The Preserve covers approximately 10.1 acres and is comprised of upland habitat, including Diegan Coastal Sage Scrub (6.1 acres), Southern Mixed Chaparral (1.1 acres), Valley Needlegrass Grassland (0.4 acres), Non-native Grassland (0.4 acres), Disturbed Habitat (1.4 acres), and Ornamental (0.1 acres) (Figure 2). SDHC commenced long-term habitat management in November 2008, pursuant to the Agreement for Management of Real Property, Emerald Pointe Open Space Preserve ("Management Agreement") and the associated Conservation Easement Deed.

In addition, near the northern boundary, there is an approximately 0.6-acre area that was previously disturbed and currently undergoing a 5-year revegetation process to restore it to Diegan Coastal Sage Scrub. As discussed in the PAR, SDHC will not begin management of the revegetation area until the 5-year revegetation and monitoring period has concluded and the success criteria in the revegetation plan have been achieved. The 5-year monitoring period is projected to end in 2013. When successfully completed and approved by the City of Carlsbad and resource agencies, SDHC will assume management of the revegetated area in addition to the remainder of the Preserve.

General management and maintenance activities at the Preserve, such as fence and sign repair, trash removal, and invasive species mapping and removal were accomplished primarily through the initial property inspection and quarterly site patrols and reporting. Other activities conducted onsite include general and focused biological surveys, and habitat maintenance and restoration, as needed. Each of these activities and their year-end results are described within this report.





San Luis Rey and Encinitas USGS Quad Map

Emerald Pointe Preserve

Figure 2

In accordance with the PAR for the Emerald Pointe Preserve, the following tasks were performed by the SDHC in November 2009 through October 2010:

- Quarterly Inspections and Assessments
- Quarterly Log Reports
- Exotic Plant Removal and Weeding
- Other Tasks

This report also includes a summary of initial and capital expenditures and projected costs for 2010-11.

II. Initial and Capital Preserve Management Tasks

Initial and capital Preserve management tasks were completed during the 2008-09 monitoring period. In summary, those tasks included:

- Property Inspection
- Baseline Documentation & Sensitive Species Surveys (California Gnatcatcher and San Diego Thornmint)
- Signs and Fencing

Pursuant to the PAR, focused surveys for the coastal California Gnatcatcher will be conducted every three years and vegetation mapping updates will be conducted every five years.

III. Annual Preserve Management Tasks

Quarterly Inspections and Assessments

The SDHC conducted four quarterly patrols during the 2009-10 monitoring period. The focus of the quarterly visits was to observe and document substantial changes in the habitat composition and assess the need for remedial measures. During each visit the preserve was surveyed for illegal activities (such as trespassing or disturbances), trash was removed, and nonnative, invasive plant species were mapped and flagged for removal.

In general, the habitats within the Preserve appear healthy and have not been disturbed. However, trash was abundant along the western and southern boundaries of the Preserve, including some large items and three signs along the western boundary were vandalized or removed. Trash was removed during each patrol and the signs were replaced and their mountings reinforced. In an effort to reduce trash and vandalism in this area, SDHC has notified the management of the adjacent apartment housing (Laurel Tree Apartments) of the problems. Specifically, SDHC requested the apartment help in removing trash along their perimeter of the Preserve and asked that residents stay out of the Preserve.

In addition, six PVC poles with flags were placed within the revegetation area at the top of the slope near the eastern boundary. It was determined that these were placed to draw attention to the homes for sale within Emerald Pointe Estates. SDHC contacted Ken Kraemer of RWR Homes to request the flags be removed prior to our next quarterly patrol which is scheduled to occur the week of December 6, 2010. The status of this issue will be provided in the next quarterly report (first quarterly report of 2010-2011).

No other problems such as disturbance to vegetation or fencing were observed during the monitoring period.

Quarterly Log Reports

The HM documented the results of the quarterly patrols by keeping a monitoring log of site conditions. Each quarterly report was submitted to Ken Kraemer of RWR Homes. Copies of each report are appended to this annual report (Attachment B).

Exotic Plant Removal and Weeding

During the quarterly patrols, the location of exotic, invasive species was mapped and, if necessary, specimens were flagged in the field for removal. The mapping information was provided to the Helix Construction Group (HCG, contractor to SDHC) to aid in locating each individual for removal. In general, the abundance of invasives within the Preserve continues to be very low and consists of a few to several individuals of Fennel (*Foeniculum vulgare*), Tree Tobacco (*Nicotiana glauca*), and Pampas Grass (*Cortaderia* sp.). The invasive Japanese Honeysuckle (*Lonicera japonica*) that was planted as part of the ornamental landscaping associated with the residential housing was starting to spread into, but is not rooted, in the preserve. The location of observed invasives is currently restricted to areas adjacent to the residential housing along the western and southern boundary that have been previously disturbed and invasives were not present in more intact, densely vegetated areas elsewhere within the Preserve. HCG removed invasives and cut back the Japanese Honeysuckle as directed by the HM during the week of April 12, 2010. During the final quarterly patrol of the 2009-10 monitoring period, the HM reported that the Fennel, Tree Tobacco, and Pampas Grass that had been previously treated were re-sprouting and need to be re-treated.

Signs and Fencing

As noted during the property inspection, RWR Homes, Inc. had satisfactorily installed a fence along portions of the eastern site boundary between the Preserve and the adjacent development's fuel modification zone. Three permanent preserve signs that state "Biological Open Space Conservation Area, Sensitive Environmental Resources, Access Prohibited" were attached to the fence at regular intervals and five signs were installed on metal posts set in concrete along the western and southern preserve boundaries. SDHC is responsible for all sign repairs in perpetuity. As stated previously, three signs were removed or vandalized during the monitoring period. These signs were replaced and reinstalled with sturdier hardware to help prevent future removal and/or damage. RWR Homes, representing the adjacent single-family HOA, is responsible for all fence repairs and replacement, as needed.

San Diego Thornmint

In May 2010, a census of the known San Diego Thornmint (*Acanthomintha ilicifolia*) population onsite was conducted by the HM. A total of 93 individuals were counted within two discrete areas in 2010. The boundaries of the two areas are shown on Figure 3. In 2009, the HM counted approximately 110 individuals of San Diego Thornmint. Although the 2010 census resulted in slightly lower numbers, individual plants were more robust being taller, multi-branched, and bearing more flowers per plant than individuals in 2009. It should be noted that it is sometimes difficult to count individuals because they grow closely together and what may appear as multi-branched plants may be tightly spaced individuals resulting in a lower overall count. Also, San

Diego Thornmint populations have been shown to be positively correlated with rainfall which may account for year-to-year variability in population size. It is likely that the population size will expand and contract as local rainfall varies. This population is adequately protected and will continue to be monitored closely on an annual basis. For more information and photos, please see the second quarterly report in Attachment B.

Palmer's Grappling-hook (*Harpagonella palmeri*), a California Native Plant Society (CNPS) List 4.2 species was observed immediately adjacent to the San Diego Thornmint population. List 4 species are considered "plants of limited distribution" by CNPS. This annual species is still relatively common in San Diego County where suitable clay soil conditions occur. This species is not "covered" under the City of Carlsbad's HMP, but we will continue to document the presence of this species during the spring quarterly patrol.

Overall yearly weather conditions during the monitoring period November 2009 to October 2010 were fairly typical with a high percentage of rain falling in late winter/spring. Approximately 13.28 inches of rain fell at Lindbergh Field near downtown San Diego during the monitoring period, of which, 10.9 inches (82%) fell during the typically wettest months of December – April.

California Gnatcatcher

As part of the 2009 baseline surveys, protocol surveys for the coastal California Gnatcatcher were conducted in May 2009 and were positive. A family of California Gnatcatchers (one adult pair and three fledglings) was observed in the Diegan Coastal Sage Scrub. The California Gnatcatcher was observed or heard during each quarterly patrol in 2010, but protocol surveys were not conducted. Pursuant to the PAR, focused surveys for the coastal California Gnatcatcher will be conducted every three years and vegetation mapping updates will be conducted every five years.

Outreach and Education

The Emerald Pointe Estates development has sold six of the 14 units to date. Consequently, the HOA is small and they only have one meeting per year in January. SDHC did not attend the 2010 HOA meeting due to late noticing and schedule conflicts. SDHC is on the agenda for the January 2011 meeting.

In October, SDHC had its first Preserve Day at Emerald Pointe and the adjacent preserve it manages. The Preserve Day was created as a means to show off a preserve to the public, SDHC board members, and volunteers. History of the Preserve, habitat types and the species that live there, and the importance of fostering community stewardship were topics of discussion that day. Both the Emerald Pointe HOA and residents of the apartments were invited to the Preserve Day. It rained that day, so unfortunately the event was not as well attended as hoped, but the HOA and apartment residents will continue to be invited to outreach events or receive educational materials in the future.

Other Tasks

As described in the PAR, other tasks that will occur periodically include erosion control and revegetation (as needed). At this time, neither task is necessary as there are no major erosion areas or upland areas in need of revegetation. In addition, SDHC attends periodic meetings with the City of Carlsbad Preserve Steward, as well as the annual City workshop for the City's Habitat Management Plan.

IV. Expenditures and Budget

The second year of stewardship for the Emerald Pointe Preserve was funded by the returns on the endowment. SDHC's expenditures for the last year's on-going annual stewardship, November 2009 through October 2010 are summarized below:

Annual On-Going Expenditures - November 2009 through October 2010	
Stewardship Tasks	Expenditures
Biotic Surveys and Patrols	\$2,480.00
Reporting (Quarterly and Annual)	935.00
Exotic Plant and Erosion Control	\$339.17
Management/Operations/Outreach/Overhead	\$2,171.00
Administration	\$1,455.34
Attendance at Preserve Steward meetings	\$1,351.52
TOTAL	\$8,732.03

SDHC projects the 2010-2011 annual stewardship costs to be approximately \$9,082 based on the Property Analysis Record list of management tasks, which represents a 4% increase in the total amount.

V. Summary and Recommendations

The second year of management of the Preserve was successful. SDHC protected the area from human encroachment, established baseline biological data, and developed a better understanding of the preserve and its regional context. This information will be used to help determine the need for remedial measures or adaptive management. Adaptive management as it relates to habitat management is the flexible use of existing data, monitoring, and hypotheses for the purpose of adjusting plans and trying new or revised approaches to better management. Adaptive management is often used to address and remediate habitat effects from such problems as regional pest infestations, habitat changes due to climate change and unusually pervasive invasive species issues. At this time, additional maintenance, remedial measures, or adaptive management are not necessary, but data gathered in 2009-10 will be used to assess the need for adaptive management in the future. Preserve management next year will continue to follow the goals and guidelines established in the PAR.

Prepared by:



Jim Rocks, Habitat Manager 11/30/10

Reviewed and Approved by:



Don Scoles, Executive Director 11/30/10

VI. References

Helix Community Conservancy. 2006. Property Analysis Record for Emerald Pointe, City of Carlsbad. December 20.

National Weather Service. 2010. Precipitation Data for San Diego.
<http://www.wrh.noaa.gov/sgx/>

Attachment A
2009-10 Emerald Pointe Preserve Plant and Animal Species List

Plant Species	
<i>Acanthomintha ilicifolia</i> (State Endangered, Federally Threatened)	<i>Pterostegia drymarioides</i>
* <i>Anagallis arvensis</i>	<i>Rhus integrifolia</i>
<i>Apiastrum angustifolium</i>	<i>Ribes speciosum</i>
<i>Artemisia californica</i>	<i>Salvia mellifera</i>
* <i>Avena barbata</i>	<i>Sambucus mexicana</i>
<i>Baccharis pilularis</i>	<i>Sisyrinchium bellum</i>
<i>Bloomeria crocea</i>	<i>Solanum parishii</i>
* <i>Brassica nigra</i>	* <i>Sonchus asper</i>
* <i>Bromus diandrus</i>	* <i>Sonchus oleraceus</i>
* <i>Bromus rubens</i>	<i>Yucca schidigera</i>
<i>Calochortus splendens</i>	
<i>Calystegia macrostegia</i>	Animal Species
* <i>Centaurea melitensis</i>	<u>Birds</u>
<i>Chlorogalum parviflorum</i>	American Crow
<i>Chorizanthe fimbriata</i> var. <i>f</i>	Anna's Hummingbird
<i>Daucus pusillus</i>	Bewick's Wren
<i>Deinandra fasciculata</i>	Black Phoebe
<i>Dichelostemma capitatum</i>	
<i>Distichlis spicata</i>	Bushtit
<i>Dudleya pulverulenta</i>	California Gnatcatcher (Fed. Threatened); adult pair and three fledglings observed in May 2009; CAGN documented on subsequent patrols.
<i>Encelia californica</i>	California Quail
<i>Eriogonum fasciculatum</i> var. <i>f</i>	California Thrasher
* <i>Erodium cicutarium</i>	California Towhee
* <i>Foeniculum vulgare</i>	Common Raven
<i>Galium nutallii</i> ssp. <i>n</i>	Common Yellowthroat (in adjacent drainage)
<i>Grindelia hirsutissima</i>	House Finch
<i>Harpagonella palmeri</i> (CNPS List 4.2)	Lesser Goldfinch
* <i>Hedypnois cretica</i>	Mourning Dove
<i>Hesperoyucca whipplei</i>	Northern Mockingbird
<i>Heteromeles arbutifolia</i>	Red-shouldered Hawk
<i>Isocoma menziesii</i>	Red-tailed Hawk
<i>Isomoeris arborea</i>	Song sparrow
* <i>Lepidium nitidum</i>	Spotted Towhee
* <i>Logfia</i> [Filago] <i>gallica</i>	Turkey Vulture
* <i>Lolium multiflorum</i>	Western Scrub Jay
<i>Lotus scoparius</i> var. <i>s</i>	Wrentit
<i>Malacothamnus fasciculatus</i>	<u>Mammals</u>
<i>Malosma laurina</i>	Audubon's Cottontail
<i>Marah macrocarpus</i>	California Ground Squirrel
* <i>Melilotus indica</i>	Coyote (scat)
	Raccoon (tracks)

<i>Nassella lepida</i>	Reptiles
<i>Navarretia hamata</i> ssp. <i>leptantha</i>	Side-blotch Lizard
* <i>Nicotiana glauca</i>	Invertebrates
<i>Opuntia littoralis</i>	Mourning Cloak Butterfly
<i>Osmadenia tenella</i>	West Coast Lady Butterfly
* <i>Plantago rhodosperma</i>	Western Tiger Swallowtail Butterfly
* <i>Polypogon monspeliensis</i>	Trapdoor Spider Burrows

* Non-Native Species

CNPS = California Native Plant Society

Attachment B
2009-10 Quarterly Log Reports

SAN DIEGO HABITAT CONSERVANCY

LOG REPORT

8130 La Mesa Blvd., #705 • La Mesa • California 91941
 Phone: (619) 668-7474 • Fax: (619) 462-0552 • Email: SDHC@sdhabitat.org

QUARTERLY LOG REPORT

DATE OF PATROL: November 24, 2009
 Fourth Quarter

Preserve Name:	Emerald Pointe Preserve		
Property Location:	Carlsbad, CA - east of Aviara Parkway, north of Cobblestone Drive, west of Sapphire Drive		
Land Owner:	San Diego Habitat Conserv.	Phone:	619-668-7474
Owner Address:	8130 La Mesa Boulevard, #705, La Mesa, CA 91942		
Adjacent HOA	Emerald Point Estates Homeowner's Association		
HOA Representative:	Jeff Norton, RWR Homes	Phone:	619-948-4962
Grantee to Easement:	City of Carlsbad	Phone:	760-519-0873
Preserve Steward:	Roseanne Humphrey		
Habitat Manager:	Jim Rocks	Phone:	619-843-6640
Other Attendees	--		

Weather Information:

	Time	Temp (F°)	Wind (MPH)	Sky Cover (%)
Start	0915	70	1-8	0%
Stop	1140	73	1-4	0%

Type of Survey (Walk, Drive, Air): Walking Date of Aerial Photograph: 2009

1. DESCRIBE OVERALL CONDITION OF HABITAT:

The habitat within the Preserve including Coastal Sage Scrub, Native Grassland, Southern Mixed Chaparral and other native communities are intact and appear healthy. Seasonal senescence has set in and shrubs such as California Buckwheat and Black Sage were browning and dormant.

The container plantings and seedlings within the revegetated areas in the northern portion of the site appear healthy and vigorous and these areas will continue to be generally assessed during quarterly patrols. Native shrubs and annuals dominant these areas.

2. DESCRIBE WEEDS AND INVASIVES AND ACTION TAKEN OR PROPOSED ACTION FOR REMOVAL:

In general, cover of invasive weeds is low outside of areas previously mapped as Disturbed Habitat. The Tree Tobacco and Fennel that were removed on May 18, 2009 have begun to resprout and will be retreated during the next weed removal effort scheduled for late February 2010. Invasive weeds will continue to be a focal point of the biological monitoring effort.

3. DESCRIBE TRASH AND DEBRIS PRESENCE/REMOVAL:

Trash was again prevalent along the western boundary of the site, associated with the adjacent multi-family residential housing and parking lots. One large trash bag of garbage was removed from the Preserve during the quarterly visit. Additional trash removal is scheduled to occur in late-February 2010 when maintenance crews are onsite. This area will likely continue to be a problem trash area due to its proximity to high-density residential housing and historic use of the Preserve by residents for recreation.

A large PVC pipe, approximately 8 feet long and filled with dirt, is present near the SDG&E access road. This pipe will be removed in late February 2010.

4. DESCRIBE FENCING AND SIGNS - ANY REPAIRS OR REPLACEMENT?

The eight (8) signs demarcating the Preserve were inspected during the field visit. All signs were intact and in good condition. The fencing between the Preserve and single-family residential development to the east is intact and remains in good condition.

5. DESCRIBE MAN-MADE ALTERATIONS: For example, construction, new roads or trails, clearing since the easement was last monitored. Describe activity or alteration, noting the specific location, extent, purpose and individual responsible (if known). Note any observed effect on conservation resources identified in the easement or baseline report. Attach maps, permit information, photos or illustrations as appropriate.

No new human-made alterations were observed during this quarterly visit.

6. DESCRIBE NATURAL ALTERATIONS: For example, flooding, fire, insect infestation, drought. Note location, nature, and extent of change since last report, and observe any effect on conservation values. Attach maps, photos, or illustrations as appropriate.

No new alterations were observed.

7. AREAS NOT MONITORED: Identify portions of the property that could not be observed or other notes for future monitoring visits.

All areas of the Preserve were monitored.

8. ITEMS FOR SDHC REVIEW: List your observations, questions or requests from the landowner or others that require further SDHC consideration. List any alterations that may need to be evaluated for compliance with the easement restrictions.

Invasive Species: Fennel and Tree Tobacco are resprouting and will be re-treated during the next weed removal effort scheduled for late February 2010.
Trash: The large PVC pipe and other observed trash will be removed the next time maintenance crews are onsite (late February 2010).

9. INDICATE MAPPING UPDATES, IF ANY (ATTACH MAP): None.

10. Cumulative List of Observed Flora and Fauna (note sensitive taxa; identify on map or GPS)

Plant Species	Animal Species
<i>Acanthomintha ilicifolia</i> (State Endangered, Federally Threatened)	<i>Pterostegia drymarioides</i>
* <i>Anagallis arvensis</i>	<i>Rhus integrifolia</i>
<i>Apiastrum angustifolium</i>	<i>Ribes speciosum</i>
<i>Artemisia californica</i>	<i>Salvia mellifera</i>
* <i>Avena barbata</i>	<i>Sambucus mexicana</i>
<i>Baccharis pilularis</i>	<i>Solanum parishii</i>
<i>Bloomeria crocea</i>	* <i>Sonchus asper</i>
* <i>Brassica nigra</i>	* <i>Sonchus oleraceus</i>
* <i>Bromus diandrus</i>	<i>Yucca schidigera</i>
* <i>Bromus rubens</i>	
<i>Calochortus splendens</i>	Birds
<i>Calystegia macrostegia</i>	American Crow
* <i>Centaurea melitensis</i>	Anna's Hummingbird
<i>Chlorogalum parviflorum</i>	Bewick's Wren
<i>Chorizanthe fimbriata</i> var. f	Black Phoebe
<i>Deinandra fasciculata</i>	Bushtit
<i>Dichelostemma capitatum</i>	California Gnatcatcher (Fed. Threatened); adult pair and three fledglings observed in May 2009; only pair observed on 11/24/09.
<i>Distichlis spicata</i>	California Quail
<i>Dudleya pulverulenta</i>	California Thrasher
<i>Encelia californica</i>	California Towhee
<i>Eriogonum fasciculatum</i> var. f	Common Raven
* <i>Erodium cicutarium</i>	Common Yellowthroat (in adjacent drainage)
* <i>Foeniculum vulgare</i>	House Finch
<i>Galium nuttallii</i> ssp. n	Lesser Goldfinch
<i>Grindelia hirsutissima</i>	Mourning Dove
<i>Harpagonella palmeri</i> (CNPS List 4.2)	Northern Mockingbird
<i>Hedypnois cretica</i>	Red-shouldered Hawk
<i>Hesperoyucca whipplei</i>	Red-tailed Hawk
<i>Heteromeles arbutifolia</i>	Song sparrow
<i>Isocoma menziesii</i>	Spotted Towhee
<i>Isomoeris arborea</i>	Turkey Vulture
<i>Lepidium nitidum</i>	Western Scrub Jay
* <i>Logfia</i> [<i>Filago</i>] <i>gallica</i>	Wrentit
* <i>Lolium multiflorum</i>	Mammals
<i>Lotus scoparius</i> var. s	Audubon's Cottontail
<i>Malacothamnus fasciculatus</i>	California Ground Squirrel
<i>Malosma laurina</i>	Coyote (scat)
<i>Marah macrocarpus</i>	Raccoon (tracks)
* <i>Melilotus indica</i>	Reptiles
<i>Nassella lepida</i>	Side-blotch Lizard
<i>Navarretia hamata</i> ssp. <i>leptantha</i>	Invertebrates
* <i>Nicotiana glauca</i>	Mourning Cloak Butterfly
<i>Opuntia littoralis</i>	West Coast Lady Butterfly
<i>Osmadenia tenella</i>	Western Tiger Swallowtail Butterfly
* <i>Plantago rhodosperma</i>	Trapdoor Spider Burrows
<i>Polypogon monspeliensis</i>	

* Non-Native Species

11. California Gnatcatcher Observed or Heard During Site Visit? Yes, this species was heard and seen during the patrol.
12. Indicate attachments to this log report: Aerial Photo ☐ Ground Photos ☒ Maps or Illustrations ☐ Other ☐
13. Ground Photos Taken? Yes, filed electronically by J. Rocks. See attached representative photos.
14. GPS Data Recorded? No

BE SURE TO DATE AND SIGN ALL MATERIALS AND PROVIDE A DESCRIPTION ON MAP SHOWING WHERE IMPORTANT PHOTOS OR ILLUSTRATIONS WERE TAKEN.

15. Has this monitoring report and any compliance matters requiring SDHC follow-up been forwarded to the local jurisdiction's Preserve Steward or to Wildlife Agencies? Not necessary, but this report was forwarded to Jeff Norton of RWR Homes.

Signature and Date:



2/15/10

Reviewed by SDHC Executive Director:

Signature and Date:



2/15/10

Don Scoles

Quarterly Patrol Site Photos 11/24/09



Photo 1. View of Coastal Sage Scrub from bottom of slope along boundary with residential housing. Dominant shrubs are in fall dormancy.



Photo 2. View of Coastal Sage Scrub revegetation area at the top of the slope in the Preserve. Container plantings appear to be healthy and vigorous.



Photo 3. View of PVC pipe in Preserve that will be removed.



Photo 4. View of Fennel (*Foeniculum vulgare*) that is resprouting after being treated in May 2009. Invasive species, such as Fennel, will treated and/or removed again in late February 2010.

SAN DIEGO HABITAT CONSERVANCY

LOG REPORT

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QUARTERLY LOG REPORT

DATE OF PATROL: 3/9/10
 FIRST QUARTER

Preserve Name:	Emerald Pointe Preserve		
Property Location:	Carlsbad, CA – east of Aviara Parkway, north of Cobblestone Drive, west of Sapphire Drive		
Land Owner:	San Diego Habitat Conserv.	Phone:	619-668-7474
Owner Address:	8130 La Mesa Boulevard, #705, La Mesa, CA 91942		
Adjacent HOA	Emerald Point Estates Homeowner's Association		
HOA Representative:	Jeff Norton, RWR Homes	Phone:	619-948-4962
Grantee to Easement:	City of Carlsbad		
Preserve Steward:	Roseanne Humphrey	Phone:	760-519-0873
Habitat Manager:	Jim Rocks	Phone:	619-843-6640
Other Attendees	--		

Weather Information:

	Time	Temp (F°)	Wind (MPH)	Sky Cover (%)
Start	1145	62	3-15	25%
Stop	1400	62	3-15	20%

Type of Survey (Walk, Drive, Air): Walking Date of Aerial Photograph: 2009

1. DESCRIBE OVERALL CONDITION OF HABITAT:

The habitat within the Preserve including Coastal Sage Scrub, Native Grassland, Southern Mixed Chaparral and other vegetation communities are intact and appear healthy. Because of winter rains and warming temperatures, shrubs within these communities have transitioned from seasonal senescence to resuming vegetative growth and in some species, flowering. California Buckwheat, California Sagebrush and Black Sage were becoming very green and Black Sage was beginning to flower.

The container plantings and seedlings within the revegetated areas in the northern portion of the site appear healthy and vigorous and these areas will continue to be generally assessed during quarterly patrols. Native shrubs and annuals dominant these areas.

2. DESCRIBE WEEDS AND INVASIVES AND ACTION TAKEN OR PROPOSED ACTION FOR REMOVAL:

In general, cover of invasive weeds is low outside of areas previously mapped as Disturbed Habitat. The Tree Tobacco and Fennel that were removed in 2009 have begun to resprout and will be retreated during the next weed removal effort scheduled for mid-April 2010. A map of the location of invasives within the Preserve has been provided to the maintenance contractor to aid in their removal. Invasive weeds will continue to be a focal point of the biological monitoring effort.

3. DESCRIBE TRASH AND DEBRIS PRESENCE/REMOVAL:

Trash was again prevalent along the western boundary of the site, associated with the adjacent multi-family residential housing and parking lots. One small trash bag of garbage was removed from the Preserve during the quarterly visit. Additional trash removal is scheduled to occur in mid-April 2010 when maintenance crews are onsite. This area will likely continue to be a problem trash area due to its proximity to high-density residential housing and historic use of the Preserve by residents for recreation.

A large PVC pipe, approximately 8 feet long and filled with dirt, and a discarded tire are present near the SDG&E access road. This trash will be removed in mid-April 2010.

4. DESCRIBE FENCING AND SIGNS - ANY REPAIRS OR REPLACEMENT?

Two of the eight (8) signs demarcating the Preserve were removed sometime between patrols. The signs were recovered and will be re-installed using heavy-duty U-bolts (or similar) to secure the signs. All other signs were intact and in good condition and these signs will be retrofitted with more durable bolts to help prevent further vandalism. The fencing between the Preserve and single-family residential development to the east is intact and remains in good condition.

5. DESCRIBE MAN-MADE ALTERATIONS: For example, construction, new roads or trails, clearing since the easement was last monitored. Describe activity or alteration, noting the specific location, extent, purpose and individual responsible (if known). Note any observed effect on conservation resources identified in the easement or baseline report. Attach maps, permit information, photos or illustrations as appropriate.

No new alterations were observed.

6. DESCRIBE NATURAL ALTERATIONS: For example, flooding, fire, insect infestation, drought. Note location, nature, and extent of change since last report, and observe any effect on conservation values. Attach maps, photos, or illustrations as appropriate.

No new alterations were observed.

7. AREAS NOT MONITORED: Identify portions of the property that could not be observed or other notes for future monitoring visits.

All areas of the Preserve were monitored.

8. ITEMS FOR SDHC REVIEW: List your observations, questions or requests from the landowner or others that require further SDHC consideration. List any alterations that may need to be evaluated for compliance with the easement restrictions.

Sign Replacement: Two of the eight (8) signs demarcating the Preserve were removed. The signs were recovered and will be re-installed using heavy-duty U-bolts (or similar) to secure the signs and the other signs will be appropriately retrofitted.

Invasive Species: Fennel and Tree Tobacco are resprouting and will be re-treated during the next weed removal effort scheduled for mid-April 2010.

Trash: The large PVC pipe, discarded tire, and other observed trash will be removed the next time maintenance crews are onsite (mid-April 2010).

9. INDICATE MAPPING UPDATES, IF ANY (ATTACH MAP): None.

10. Cumulative List of Observed Flora and Fauna (note sensitive taxa; identify on map or GPS)

Plant Species	Animal Species
<i>Acanthomintha ilicifolia</i> (State Endangered, Federally Threatened)	<i>Pterostegia drymarioides</i>
* <i>Anagallis arvensis</i>	<i>Rhus integrifolia</i>
<i>Apiastrum angustifolium</i>	<i>Ribes speciosum</i>
<i>Artemisia californica</i>	<i>Salvia mellifera</i>
* <i>Avena barbata</i>	<i>Sambucus mexicana</i>
<i>Baccharis pilularis</i>	<i>Solanum parishii</i>
<i>Bloomeria crocea</i>	* <i>Sonchus asper</i>
* <i>Brassica nigra</i>	* <i>Sonchus oleraceus</i>
* <i>Bromus diandrus</i>	<i>Yucca schidigera</i>
* <i>Bromus rubens</i>	
<i>Calochortus splendens</i>	Birds
<i>Calystegia macrostegia</i>	American Crow
* <i>Centaurea melitensis</i>	Anna's Hummingbird
<i>Chlorogalum parviflorum</i>	Bewick's Wren
<i>Chorizanthe fimbriata</i> var. <i>f</i>	Black Phoebe
<i>Deinandra fasciculata</i>	Bushtit
<i>Dichelostemma capitatum</i>	California Gnatcatcher (Fed. Threatened); adult pair and three fledglings observed in May 2009; CAGN documented on subsequent patrols.
<i>Distichlis spicata</i>	California Quail
<i>Dudleya pulverulenta</i>	California Thrasher
<i>Encelia californica</i>	California Towhee
<i>Eriogonum fasciculatum</i> var. <i>f</i>	Common Raven
* <i>Erodium cicutarium</i>	Common Yellowthroat (in adjacent drainage)
* <i>Foeniculum vulgare</i>	House Finch
<i>Galium nutallii</i> ssp. <i>n</i>	Lesser Goldfinch
<i>Grindelia hirsutissima</i>	Mourning Dove
<i>Harpagonella palmeri</i> (CNPS List 4.2)	Northern Mockingbird
<i>Hedypnois cretica</i>	Red-shouldered Hawk
<i>Hesperoyucca whipplei</i>	Red-tailed Hawk
<i>Heteromeles arbutifolia</i>	Song sparrow
<i>Isocoma menziesii</i>	Spotted Towhee
<i>Isomoeris arborea</i>	Turkey Vulture
<i>Lepidium nitidum</i>	Western Scrub Jay
* <i>Logfia</i> [<i>Filago</i>] <i>gallica</i>	Wrentit
* <i>Lolium multiflorum</i>	Mammals
<i>Lotus scoparius</i> var. <i>s</i>	Audubon's Cottontail
<i>Malacothamnus fasciculatus</i>	California Ground Squirrel
<i>Malosma laurina</i>	Coyote (scat)
<i>Marah macrocarpus</i>	Raccoon (tracks)
* <i>Melilotus indica</i>	Reptiles
<i>Nassella lepida</i>	Side-blotch Lizard
<i>Navarretia hamata</i> ssp. <i>leptantha</i>	Invertebrates
* <i>Nicotiana glauca</i>	Mourning Cloak Butterfly
<i>Opuntia littoralis</i>	West Coast Lady Butterfly
<i>Osmadenia tenella</i>	Western Tiger Swallowtail Butterfly
* <i>Plantago rhodosperma</i>	Trapdoor Spider Burrows
<i>Polypogon monspeliensis</i>	

* Non-Native Species

11. California Gnatcatcher Observed or Heard During Site Visit? Yes, this species was heard and seen during the patrol.
12. Indicate attachments to this log report: Aerial Photo ☐ Ground Photos ☒ Maps or Illustrations ☐ Other ☐
13. Ground Photos Taken? Yes, filed electronically by J. Rocks. See attached representative photos.
14. GPS Data Recorded? No

BE SURE TO DATE AND SIGN ALL MATERIALS AND PROVIDE A DESCRIPTION ON MAP SHOWING WHERE IMPORTANT PHOTOS OR ILLUSTRATIONS WERE TAKEN.

15. Has this monitoring report and any compliance matters requiring SDHC follow-up been forwarded to the local jurisdiction's Preserve Steward or to Wildlife Agencies? Not necessary, but this report was forwarded to Jeff Norton of RWR Homes.

Signature and Date:



3/31/10

Reviewed by SDHC Executive Director:

Signature and Date:



4/1/10

Don Scoles



Photo 1. View of Coastal Sage Scrub from bottom of slope along boundary with residential housing. Shrubs have transitioned from seasonal senescence to resuming vegetative growth and in some species, flowering.



Photo 2. View of the federally-listed endangered San Diego Thornmint (*Acanthomintha ilicifolia*). These seedlings will develop and likely flower in late April – early May



Photo 3. View of Black Sage (*Salvia mellifera*) in flower.



Photo 4. View of Preserve boundary sign that was damaged. The sign will be re-installed using U-bolts (or similar) to help prevent this from happening again.

SAN DIEGO HABITAT CONSERVANCY

LOG REPORT

8130 La Mesa Blvd., #705 • La Mesa • California 91941
 Phone: (619) 668-7474 • Fax: (619) 462-0552 • Email: SDHC@sdhabitat.org

QUARTERLY LOG REPORT

DATE OF PATROL: 5/18/10
 SECOND QUARTER

Preserve Name:	Emerald Pointe Preserve		
Property Location:	Carlsbad, CA – east of Aviara Parkway, north of Cobblestone Drive, west of Sapphire Drive		
Land Owner:	San Diego Habitat Conserv.	Phone:	619-668-7474
Owner Address:	8130 La Mesa Boulevard, #705, La Mesa, CA 91942		
Adjacent HOA	Emerald Point Estates Homeowner's Association		
HOA Representative:	Jeff Norton, RWR Homes	Phone:	619-948-4962
Grantee to Easement:	City of Carlsbad		
Preserve Steward:	Roseanne Humphrey	Phone:	760-519-0873
Habitat Manager:	Jim Rocks	Phone:	619-843-6640
Other Attendees	—		

Weather Information:

	Time	Temp (F°)	Wind (MPH)	Sky Cover (%)
Start	1000	65	2-6	80
Stop	1300	71	1-5	50

Type of Survey (Walk, Drive, Air): Walking Date of Aerial Photograph: 2009

1. DESCRIBE OVERALL CONDITION OF HABITAT:

The habitat within the Preserve including Coastal Sage Scrub, Native Grassland, Southern Mixed Chaparral and other vegetation communities are intact and appear healthy. Because of winter rains and warm spring temperatures, shrubs within these communities are growing rapidly and some species are flowering. California Buckwheat, California Sagebrush and Black Sage were very green and Black Sage was in completing its flowering phase.

The endangered San Diego Thornmint (*Acanthomintha ilicifolia*) was monitored during the quarterly patrol. A census of the population was taken resulting in a count of at least 93 individuals. This is less than the 108 individuals counted in 2009, however; the individuals were much more robust in both size and number of stems and flowers in 2010. Also, please note that accurately counting individuals of this species is difficult because often multiple stems appear to be growing from a central caudex when in reality, what is observed may be multiple single stem individuals. Nevertheless, the population in 2010 appears healthier and potentially able to produce more viable seed than in 2009 in spite of the lower overall count.

The container plantings and seedlings within the revegetated areas in the northern portion of the site appear healthy and vigorous and these areas will continue to be generally assessed during quarterly patrols. Native shrubs and annuals dominate these areas.

2. DESCRIBE WEEDS AND INVASIVES AND ACTION TAKEN OR PROPOSED ACTION FOR REMOVAL:

In general, cover of invasive weeds is low outside of areas previously mapped as Disturbed Habitat. The Tree Tobacco and Fennel that were resprouting were removed in April 2010. No additional invasives were observed. Invasive weeds will continue to be a focal point of the biological monitoring effort.

3. DESCRIBE TRASH AND DEBRIS PRESENCE/REMOVAL:

Trash was much reduced along the western boundary of the site, adjacent to the multi-family residential housing and parking lots. Trash was removed by maintenance crews in April 2010 and one small trash bag of garbage was removed from the Preserve during the quarterly visit. This area will likely continue to be a problem trash area due to its proximity to high-density residential housing and occasional use of the Preserve by residents for recreation.

The large (approximately 8 feet long) PVC pipe and discarded tire that were present near the SDG&E access road were removed.

4. DESCRIBE FENCING AND SIGNS - ANY REPAIRS OR REPLACEMENT?

Two of the eight (8) signs demarcating the Preserve were removed sometime between patrols. The signs were recovered and will be re-installed using heavy-duty U-bolts (or similar) to secure the signs. All other signs were intact and in good condition and these signs will be retrofitted with more durable bolts to help prevent further vandalism. The fencing between the Preserve and single-family residential development to the east is intact and remains in good condition.

5. DESCRIBE MAN-MADE ALTERATIONS: For example, construction, new roads or trails, clearing since the easement was last monitored. Describe activity or alteration, noting the specific location, extent, purpose and individual responsible (if known). Note any observed effect on conservation resources identified in the easement or baseline report. Attach maps, permit information, photos or illustrations as appropriate.

No new alterations were observed.

6. DESCRIBE NATURAL ALTERATIONS: For example, flooding, fire, insect infestation, drought. Note location, nature, and extent of change since last report, and observe any effect on conservation values. Attach maps, photos, or illustrations as appropriate.

No new alterations were observed.

7. AREAS NOT MONITORED: Identify portions of the property that could not be observed or other notes for future monitoring visits.

All areas of the Preserve were monitored.

8. ITEMS FOR SDHC REVIEW: List your observations, questions or requests from the landowner or others that require further SDHC consideration. List any alterations that may need to be evaluated for compliance with the easement restrictions.

Sign Replacement: Three of the eight (8) signs demarcating the Preserve were removed. The signs were recovered and will be re-installed using heavy-duty U-bolts (or similar) to secure the signs and the other signs will be appropriately retrofitted.

9. INDICATE MAPPING UPDATES, IF ANY (ATTACH MAP): None.
10. Cumulative List of Observed Flora and Fauna (note sensitive taxa; identify on map or GPS)

Plant Species	
<i>Acanthomintha ilicifolia</i> (State Endangered, Federally Threatened)	<i>Pterostegia drymarioides</i>
* <i>Anagallis arvensis</i>	<i>Rhus integrifolia</i>
<i>Apiastrum angustifolium</i>	<i>Ribes speciosum</i>
<i>Artemisia californica</i>	<i>Salvia mellifera</i>
* <i>Avena barbata</i>	<i>Sambucus mexicana</i>
<i>Baccharis pilularis</i>	<i>Sisyrinchium bellum</i>
<i>Bloomeria crocea</i>	<i>Solanum parishii</i>
* <i>Brassica nigra</i>	* <i>Sonchus asper</i>
* <i>Bromus diandrus</i>	* <i>Sonchus oleraceus</i>
* <i>Bromus rubens</i>	<i>Yucca schidigera</i>
<i>Calochortus splendens</i>	Animal Species
<i>Calystegia macrostegia</i>	Birds
* <i>Centaurea melitensis</i>	American Crow
<i>Chlorogalum parviflorum</i>	Anna's Hummingbird
<i>Chorizanthe fimbriata</i> var. <i>f</i>	Bewick's Wren
<i>Daucus pusillus</i>	Black Phoebe
<i>Deinandra fasciculata</i>	
<i>Dichelostemma capitatum</i>	Bushtit
<i>Distichlis spicata</i>	California Gnatcatcher (Fed. Threatened); adult pair and three fledglings observed in May 2009; CAGN documented on subsequent patrols.
<i>Dudleya pulverulenta</i>	California Quail
<i>Encelia californica</i>	California Thrasher
<i>Eriogonum fasciculatum</i> var. <i>f</i>	California Towhee
* <i>Erodium cicutarium</i>	Common Raven
* <i>Foeniculum vulgare</i>	Common Yellowthroat (in adjacent drainage)
<i>Galium nutallii</i> ssp. <i>n</i>	House Finch
<i>Grindelia hirsutissima</i>	Lesser Goldfinch
<i>Harpagonella palmeri</i> (CNPS List 4.2)	Mourning Dove
* <i>Hedynopsis cretica</i>	Northern Mockingbird
<i>Hesperoyucca whipplei</i>	Red-shouldered Hawk
<i>Heteromeles arbutifolia</i>	Red-tailed Hawk
<i>Isocoma menziesii</i>	Song sparrow
<i>Isomoeris arborea</i>	Spotted Towhee
* <i>Lepidium nitidum</i>	Turkey Vulture
* <i>Logfia [Filago] gallica</i>	Western Scrub Jay
* <i>Lolium multiflorum</i>	Wrentit
<i>Lotus scoparius</i> var. <i>s</i>	Mammals
<i>Malacothamnus fasciculatus</i>	Audubon's Cottontail
<i>Malosma laurina</i>	California Ground Squirrel
<i>Marah macrocarpus</i>	Coyote (scat)
* <i>Melilotus indica</i>	Raccoon (tracks)
<i>Nassella lepida</i>	Reptiles
<i>Navarretia hamata</i> ssp. <i>leptantha</i>	Side-blotch Lizard
* <i>Nicotiana glauca</i>	Invertebrates
<i>Opuntia littoralis</i>	Mourning Cloak Butterfly
<i>Osmadenia tenella</i>	West Coast Lady Butterfly

* <i>Plantago rhodosperma</i>	Western Tiger Swallowtail Butterfly
* <i>Polypogon monspeliensis</i>	Trapdoor Spider Burrows

* Non-Native Species

11. California Gnatcatcher Observed or Heard During Site Visit? Yes, this species was heard and seen during the patrol.
12. Indicate attachments to this log report: Aerial Photo ☐ Ground Photos ☒ Maps or Illustrations ☐ Other ☐
13. Ground Photos Taken? Yes, filed electronically by J. Rocks. See attached representative photos.
14. GPS Data Recorded? No

BE SURE TO DATE AND SIGN ALL MATERIALS AND PROVIDE A DESCRIPTION ON MAP SHOWING WHERE IMPORTANT PHOTOS OR ILLUSTRATIONS WERE TAKEN.

15. Has this monitoring report and any compliance matters requiring SDHC follow-up been forwarded to the local jurisdiction's Preserve Steward or to Wildlife Agencies? Not necessary, but this report was forwarded to Jeff Norton of RWR Homes.

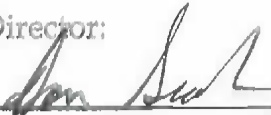
Signature and Date:



6/25/10

Reviewed by SDHC Executive Director:

Signature and Date:



6/25/10

Don Scoles

Quarterly Patrol Site Photos 5/18/10



Photo 1. View of Coastal Sage Scrub from bottom of slope along boundary with residential housing. Shrubs are growing rapidly and Black Sage had finished flowering and was in fruit.



Photo 2. View of the federally-listed endangered San Diego Thornmint (*Acanthomintha ilicifolia*). Note the spiny bracts below the flowers that are characteristic of this annual species.



Photo 3. View of soils at San Diego Thornmint population. The soil is typically dense, dark clay and often cracks and separates as it dries.



Photo 4. View of flowering Golden Yarrow (*Eriophyllum confertiflorum*) and California Sagebrush (*Artemisia californica*) along SDG&E access road within the Preserve.

SAN DIEGO HABITAT CONSERVANCY LOG REPORT

8130 La Mesa Blvd., #705 • La Mesa • California 91941
Phone: (619) 668-7474 • Fax: (619) 462-0552 • Email: SDHC@sdhabitat.org

QUARTERLY LOG REPORT

DATE OF PATROL: 10/1/10

Preserve Name:	Emerald Pointe Preserve		
Property Location:	Carlsbad, CA – east of Aviara Parkway, north of Cobblestone Drive, west of Sapphire Drive		
Land Owner:	San Diego Habitat Conserv.	Phone:	619-668-7474
Owner Address:	8130 La Mesa Boulevard, #705, La Mesa, CA 91942		
Adjacent HOA	Emerald Point Estates Homeowner's Association		
HOA Representative:	Jeff Norton, RWR Homes	Phone:	619-948-4962
Grantee to Easement: Preserve Steward:	City of Carlsbad Roseanne Humphrey	Phone:	760-519-0873
Habitat Manager:	Jim Rocks	Phone:	619-843-6640
Other Attendees	--		

Weather Information:

	Time	Temp (F°)	Wind (MPH)	Sky Cover (%)
Start	1045	73	0-3	60
Stop	1245	76	1-5	30

Type of Survey (Walk, Drive, Air): Walking Date of Aerial Photograph: 2009

1. DESCRIBE OVERALL CONDITION OF HABITAT:

The habitat within the Preserve including Coastal Sage Scrub, Native Grassland, Southern Mixed Chaparral and other vegetation communities are intact and appear healthy. Summer dormancy has set in for most species, but California Buckwheat (*Eriogonum fasciculatum* var. *fasciculatum*) was still flowering and fruiting.

The container plantings and seedlings within the revegetated areas in the northern portion of the site appear healthy and vigorous and these areas will continue to be generally assessed during quarterly patrols. Native shrubs and annuals dominate areas that were being actively managed.

2. DESCRIBE WEEDS AND INVASIVES AND ACTION TAKEN OR PROPOSED ACTION FOR REMOVAL:

In general, cover of invasive weeds is low outside of areas previously mapped as Disturbed Habitat. The Pampas Grass and Fennel that were removed in April 2010 are resprouting. The location of these individuals was mapped and they will be retreated during the next weeding effort. No additional invasives were observed. Invasive weeds will continue to be a focal point of the biological monitoring effort.

3. DESCRIBE TRASH AND DEBRIS PRESENCE/REMOVAL:

Trash continues to be a problem within and along the western boundary of the Preserve due to its proximity to high-density residential housing and occasional use of the Preserve by residents for recreation. One large bag of trash and several other large items were collected and removed. In an effort to reduce trash within the Preserve, SDHC will contact at the apartments and discuss the situation with them to reduce future trash and human entrance into the preserve. Once a contact is made, educational literature will be disseminated to the residents to reduce future impacts to the reserve.

4. DESCRIBE FENCING AND SIGNS - ANY REPAIRS OR REPLACEMENT?

Two of the eight (8) signs demarcating the Preserve were removed sometime between patrols. The signs were recovered and will be re-installed using heavy-duty U-bolts (or similar) to secure the signs. All other signs were intact and in good condition and these signs will be retrofitted with more durable bolts to help prevent further vandalism. The fencing between the Preserve and single-family residential development to the east is intact and remains in good condition.

5. DESCRIBE MAN-MADE ALTERATIONS: For example, construction, new roads or trails, clearing since the easement was last monitored. Describe activity or alteration, noting the specific location, extent, purpose and individual responsible (if known). Note any observed effect on conservation resources identified in the easement or baseline report. Attach maps, permit information, photos or illustrations as appropriate.

Six large PVC flag poles have been installed without authorization within the Preserve near the northeastern boundary (see photo). The landowner will be notified and asked to remove these flags.

6. DESCRIBE NATURAL ALTERATIONS: For example, flooding, fire, insect infestation, drought. Note location, nature, and extent of change since last report, and observe any effect on conservation values. Attach maps, photos, or illustrations as appropriate.

No new alterations were observed.

7. AREAS NOT MONITORED: Identify portions of the property that could not be observed or other notes for future monitoring visits.

All areas of the Preserve were monitored.

8. ITEMS FOR SDHC REVIEW: List your observations, questions or requests from the landowner or others that require further SDHC consideration. List any alterations that may need to be evaluated for compliance with the easement restrictions.

Sign Replacement: Three of the eight (8) signs demarcating the Preserve were removed. The signs were recovered and will be re-installed using heavy-duty U-bolts (or similar) to secure the signs and the other signs will be appropriately retrofitted.

Invasives

The fennel and Pampas Grass that were treated in April 2010 are resprouting and will need to be retreated during the next weeding effort.

9. INDICATE MAPPING UPDATES, IF ANY (ATTACH MAP): None.

10. Cumulative List of Observed Flora and Fauna (note sensitive taxa; identify on map or GPS)

Plant Species	
<i>Acanthomintha ilicifolia</i> (State Endangered, Federally Threatened)	<i>Pterostegia drymarioides</i>
* <i>Anagallis arvensis</i>	<i>Rhus integrifolia</i>
<i>Apiastrum angustifolium</i>	<i>Ribes speciosum</i>
<i>Artemisia californica</i>	<i>Salvia mellifera</i>
* <i>Avena barbata</i>	<i>Sambucus mexicana</i>
<i>Baccharis pilularis</i>	<i>Sisyrinchium bellum</i>
<i>Bloomeria crocea</i>	<i>Solanum parishii</i>
* <i>Brassica nigra</i>	* <i>Sonchus asper</i>
* <i>Bromus diandrus</i>	* <i>Sonchus oleraceus</i>
* <i>Bromus rubens</i>	<i>Yucca schidigera</i>
<i>Calochortus splendens</i>	Animal Species
<i>Calystegia macrostegia</i>	Birds
* <i>Centaurea melitensis</i>	American Crow
<i>Chlorogalum parviflorum</i>	Anna's Hummingbird
<i>Chorizanthe fimbriata</i> var. <i>f</i>	Bewick's Wren
<i>Daucus pusillus</i>	Black Phoebe
<i>Deinandra fasciculata</i>	
<i>Dichelostemma capitatum</i>	Bushtit
<i>Distichlis spicata</i>	California Gnatcatcher (Fed. Threatened); adult pair and three fledglings observed in May 2009; CAGN documented on subsequent patrols.
<i>Dudleya pulverulenta</i>	California Quail
<i>Encelia californica</i>	California Thrasher
<i>Eriogonum fasciculatum</i> var. <i>f</i>	California Towhee
* <i>Erodium cicutarium</i>	Common Raven
* <i>Foeniculum vulgare</i>	Common Yellowthroat (in adjacent drainage)
<i>Galium nuttallii</i> ssp. <i>n</i>	House Finch
<i>Grindelia hirsutissima</i>	Lesser Goldfinch
<i>Harpagonella palmeri</i> (CNPS List 4.2)	Mourning Dove
* <i>Hedypnois cretica</i>	Northern Mockingbird
<i>Hesperoyucca whipplei</i>	Red-shouldered Hawk
<i>Heteromeles arbutifolia</i>	Red-tailed Hawk
<i>Isocoma menziesii</i>	Song sparrow
<i>Isomoeris arborea</i>	Spotted Towhee
* <i>Lepidium nitidum</i>	Turkey Vulture
* <i>Logfia</i> [Filago] <i>gallica</i>	Western Scrub Jay
* <i>Lolium multiflorum</i>	Wrentit
<i>Lotus scoparius</i> var. <i>s</i>	Mammals
<i>Malacothamnus fasciculatus</i>	Audubon's Cottontail
<i>Malosma laurina</i>	California Ground Squirrel
<i>Marah macrocarpus</i>	Coyote (scat)
* <i>Melilotus indica</i>	Raccoon (tracks)
<i>Nassella lepida</i>	Reptiles
<i>Navarretia hamata</i> ssp. <i>leptantha</i>	Side-blotch Lizard
* <i>Nicotiana glauca</i>	Invertebrates
<i>Opuntia littoralis</i>	Mourning Cloak Butterfly
<i>Osmadenia tenella</i>	West Coast Lady Butterfly
* <i>Plantago rhodosperma</i>	Western Tiger Swallowtail Butterfly
* <i>Polypogon monspeliensis</i>	Trapdoor Spider Burrows

* Non-Native Species

11. California Gnatcatcher Observed or Heard During Site Visit? Yes, this species was heard and seen during the patrol.
12. Indicate attachments to this log report: Aerial Photo ☐ Ground Photos ☒ Maps or Illustrations ☐ Other ☐
13. Ground Photos Taken? Yes, filed electronically by J. Rocks. See attached representative photos.
14. GPS Data Recorded? No

BE SURE TO DATE AND SIGN ALL MATERIALS AND PROVIDE A DESCRIPTION ON MAP SHOWING WHERE IMPORTANT PHOTOS OR ILLUSTRATIONS WERE TAKEN.

15. Has this monitoring report and any compliance matters requiring SDHC follow-up been forwarded to the local jurisdiction's Preserve Steward or to Wildlife Agencies? Not necessary, but this report was forwarded to Jeff Norton of RWR Homes.

Signature and Date:  10/5/10

Reviewed by SDHC Executive Director:

Signature and Date:  10/15/10

Don Scales

Quarterly Patrol Site Photos 10/1/10



Photo 1. View of Coastal Sage Scrub from top of slope along boundary with residential housing. Shrubs are in summer dormancy and Black Sage had finished fruiting.



Photo 2. View of Coastal Sage Scrub from top of slope.



Photo 3. View of fall colors of Coastal Sage Scrub.



Photo 4. View of flags that have been placed within the Preserve without authorization. The landowner will be notified and the flags removed.